

6689

G-000-1006.107

**PROGRESS REPORT - OPERABLE UNIT 2 - OTHER WASTE UNITS -
MARCH 1995**

03/00/95

DOE-FN PUBLIC
2
FACTSHEET



FERNALD
Environmental Management Project

Remedial Investigation/ Feasibility Study

PROGRESS REPORT

MARCH 1995

Operable Unit 2 OTHER WASTE UNITS

Rod Warner
DOE Manager,
Operable Unit 2
(513) 648-3156

Introduction

The Remedial Investigation/Feasibility Study (RI/FS) is the blueprint for cleanup at the U.S. Department of Energy's Fernald Environmental Management Project. The nature and extent of contamination at the Fernald site and surrounding areas is being thoroughly investigated so that appropriate remedial actions can be formulated and implemented.

The Fernald site has been divided into five sections, known as Operable Units, for environmental investigation and cleanup. The Operable Units were defined based on their location or the potential for similar technologies to be used in the ultimate cleanup.

During the course of the RI/FS effort, certain conditions are occasionally identified which call for more immediate action. These actions are called "removal actions" and are initiated when there is a need to accelerate cleanup activities to address releases or potential releases of hazardous substances. Removal actions are coordinated with the U.S. EPA and the Ohio EPA.

Following is a progress report on Operable Unit 2 including its history, the current status of activities, and the preferred cleanup alternative.

Background

Operable Unit 2 includes the Solid Waste Landfill, Lime Sludge Ponds, Inactive Flyash Pile, Active Flyash Pile, and the South Field area. These areas were used to dispose of flyash from the boiler plant, spent lime from water treatment activities, sanitary waste, and construction rubble

from past operations at the Fernald site. While uranium is the primary contaminant, investigations have been completed to determine the status of other hazardous constituents which may be present within Operable Unit 2 facilities.

RI/FS Activities

Reports: U.S. EPA has approved the Remedial Investigation (RI) Report and the Feasibility Study/Proposed Plan (FS/PP) Report for Operable Unit 2. The DOE's proposed draft Record of Decision (ROD) was submitted to U.S. EPA on February 4, 1995 and included responses to public comments received during the public comment period.

The proposed final Record of Decision for Operable Unit 2 is scheduled to be submitted to the U.S. EPA by May 3, 1995.

Remedial Design

A pre-design field investigation is being performed to gather necessary information to determine the location and design parameters for an on-site disposal facility. The investigation includes soil studies and groundwater sampling. U.S. EPA and Ohio EPA approved the work plan for the investigation and field activities were initiated in December 1994. The pre-design field investigation is currently in progress.

Removal Action

Seepage Control at the South Field and Inactive Flyash Pile (Removal Action No. 31): Contaminated water is currently seeping from the South Field and Inactive Flyash Pile area. This

Removal Action is being initiated to cut off or capture the seepage and involves intercepting contaminated seepage from the drainage ditches along the Inactive Flyash Pile and South Field area, and pumping it to the Advanced Wastewater Treatment facility. Contaminated sediments will also be removed.

A revised work plan was submitted to U.S. EPA on January 20, 1995 for review. The project is scheduled for completion by October 1995.

Preferred Cleanup Alternative

A variety of cleanup options were evaluated during the Operable Unit 2 Feasibility Study. These include excavation of the waste material and off-site disposal, excavation and on-site

disposal in a common disposal facility, and consolidation and capping of waste at each subunit. The preferred remedial alternative, as presented in the Operable Unit 2 Proposed Plan and Record of Decision, is excavation and on-site disposal of waste material.

For More Information

More information about Operable Unit 2 is available in the Public Environmental Information Center (PEIC), where Fernald Project cleanup documents are kept in the Administrative Record. The PEIC is located in the JAMTEK building, 10845 Hamilton-Cleves Highway, Harrison, Ohio, 45030. The telephone number is (513) 738-0164.